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Director, Standards

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Mr. Richard D. Huriaux, P.E.  
Director, Technical Standards  
U.S. Department of Transportation  
Pipeline & Hazardous Materials Safety Administration  
Office of Pipeline Safety, Room E22-321  
1200 New Jersey Avenue S.E.  
Washington, DC 20590

Dear Mr. Huriaux,

The American Petroleum Institute also believes measuring research impact on consensus standards is very important. Our coordinated efforts through research will keep generating new knowledge toward these standards and improve their effectiveness. Please find the impact status tabulated below for these standards affected by the research.

No.	PHMSA Project #	Project Title	Project Status	SDO	Standard No.	Standard Title	Impact Status	Comment
1.	128	A Comprehensive Update in the Evaluation of Pipelines Weld Defects	Completed	API	Std 1104	Welding of Pipelines and Related Facilities	Moderate	Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
2.	133	Improved Inspection and Assessment Methods for Pipeline Girth Welds and Repair Welds	Closed	API	Std 1104	Welding of Pipelines and Related Facilities	High	Subject matter was addressed during the last review of API Std 1104, Appendix A resulting in a significant rewrite of this section of the document (released in July 2007). Any additional research information to be provided to workgroup for review and



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								potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
3.	147	Effectiveness of Prevention Methods for Excavation Damage	Completed	API	RP 1166	Excavation Monitoring and Observation	High	Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
4.	179	Pipeline Assessment and Repair Manual	Completed	API	RP 579	Fitness-For-Service	Low	Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2012.
5.	179	Pipeline Assessment and Repair Manual	Completed	API	Std 1104	Welding of Pipelines and Related Facilities	Moderate	Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
6.	188	Characterization of Stress Corrosion Cracking Using Laser Ultrasonics	Active	API	Publ 1163	In-line Inspection Systems Qualification Standard	Moderate	Laser Ultrasonics is one possible method of NDE identified in the standard. Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next



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								comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
7.	188	Characterization of Stress Corrosion Cracking Using Laser Ultrasonics	Active	API	RP 579	Fitness-For-Service	Low	Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2012.
8.	208	Improved In-field Welding and Coating Protocols	Active	API	Std 1104	Welding of Pipelines and Related Facilities	Moderate	Addressed in Appendix B of Document. Document is not currently under review. Research information to be provided to workgroup for review and potential incorporation into the standard. Next comprehensive review expected to start in 1 <sup>st</sup> quarter of 2009.
9.	208	Improved In-field Welding and Coating Protocols	Active	API	Spec 5L	Specification for Line Pipe	Low	This topic is generally not addressed in API Spec 5L.

Thank you for coordinating these research outputs and their relevance to our consensus standards. We look forward to continued involvement with your active research and for future opportunities to document and convey their impact.

Sincerely,



David Miller, PE, F.ASCE  
Director, Standards